Hi-Current DC Power Supply 0-32V/0-30A
Model 1794

The model 1794 is a cost effective, high power, regulated DC power supply with an output rating of (0 to 32V, 0 to 30A). It is a linear high current DC power supply suitable for bench operation or standard 19" rack operation. This linear power supply is a high power workhorse that will easily deliver clean power to your high current circuits.

- Constant Voltage/Constant Current Operation
- Remote Programming Facility
- Facility for Presetting the Output Voltage and Max.
- Load Current Limits
- Separate DC Output ON/OFF Switch
- Remote Sensing Facility
- High Stability and Close Regulation ±0.01%
- Meet CE Specifications

BK PRECISION
ELECTRONIC TEST INSTRUMENTS

Models 1794, 1795 & 1796

Regulated DC Power Supplies

Data Sheet

Models 1794, 1795 & 1796

Regulated DC Power Supplies

Models 1794, 1795 & 1796 are cost effective, high power, regulated DC power supplies. These linear power supplies are high power workhorses that will easily deliver clean power to your high-current circuits. Special features include the ability to set constant current with no load and remote sense to compensate for any wire loss.

The power supplies are designed to have superior performance to comparable models costing 20 to 30% more. Meets CE specifications.

- **Constant Voltage/Constant Current Operation**
- **Remote Programming Facility**
- **Facility for Presetting the Output Voltage and Max. Load Current Limits**
- **Separate DC Output ON/OFF Switch**
- **Remote Sensing Facility**
- **High Stability and Close Regulation ± 0.01%**
- **Meet CE Specifications**

Specifications

	models 1794	1795	1796
Output (DC)	0-32V	0-64V	0-16V
Output Current (DC)	0-30A	0-15A	0-50A
Constant Voltage Mode			
Line Regulation	±0.01% ± 2mV		
Load Regulation	±0.01% ± 2mV		
Ripple and Noise	1mV rms max (20Hz - 20MHz)		
Constant Current Mode			
Line Regulation	±0.05% ± 10mA		
Load Regulation	±0.05% ± 10mA		
Ripple and Noise	6mA rms Max (20Hz - 20MHz)		
Overload Protection	Constant current type		
Stability	± 0.2% ± 10mV in CV mode ± 0.5% ± 10mA in CC mode		
Operating Temperature	32° to 104°F (0° to 40°C)		
Input	115V / 60 Hz		
Dimension (W x H x D)	19 x 5.25 x 15.75" (483 x 133 x 400mm)		
Accessories Supplied	User Manual		

Specifications subject to change without notice